

25
Borough of Crosby



Annual Report
of the
Medical Officer of Health
For the Year 1965

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BOROUGH OF CROSBY

MAYOR : Councillor R. A. McGEOCH.

DEPUTY MAYOR : Alderman ROBERT MOORE.

TOWN CLERK : HAROLD O. ROBERTS, D.P.A., Barrister-at-Law.

HEALTH COMMITTEE AT THE END OF 1965

Chairman :

Councillor Mrs. E. M. BRUCE

Deputy Chairman :

Councillor K. TYSON

THE MAYOR
THE DEPUTY MAYOR } *Ex-Officio Members.*

Alderman A. N. MOORE

„ E. ROSEWARNE

Councillor Mrs. R. BESWARICK

„ D. J. CONNELL

„ S. DOWARD

„ T. HAYES

„ D. S. KENNEDY, A.M.I.E.E.

„ J. N. OLIVER

„ G. J. PEAT

„ L. J. H. POVEY

„ Mrs. A. SENIOR

„ Mrs. B. TAYLOR

„ R. T. F. YATES

STAFF OF THE PUBLIC HEALTH DEPARTMENT DURING 1965

Medical Officer of Health :

J. G. HAILWOOD, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

Deputy Medical Officer of Health :

IRENE W. SIMPSON, M.B., Ch.B., D.P.H., F.R.S.H.

Assistant Medical Officers of Health :

GWENDOLINE D. NEWMAN, M.B., Ch.B., L.R.C.P., M.R.C.S., D.C.H.
(to 30.6.65)

M. BYRNE, M.B., B.Ch., B.A.O., L.M.Diploma, D.R.C.O.G.
(from 1.12.65)

SUSAN H. MONTGOMERY, M.B., Ch.B. (part-time)
(to 30.11.65)

Dental Officers :

E. CROSBIE, L.D.S. J. B. COONEY, L.D.S., R.C.S.

Chief Public Health Inspector :

G. F. LEWIS, M.R.S.H., M.A.P.H.I., D.P.A.(L'pool)

Deputy Chief Public Health Inspector : R. SPENCER, D.P.A.(L'pool)

District Public Health Inspectors :

D. BARBER, M.A.P.H.I. P. M. WATSON E. WARNER

Health Visitors/School Nurses :

Miss K. ARMSTRONG

Miss H. BLACK

Miss J. P. T. LEWIS

Miss A. M. COLLEY (from 2.8.65)

Miss J. KENYON

Mrs. M. POWER

Miss H. M. SWAIN

Miss M. KENNY

Miss I. M. SWINSCOE (to 31.3.65)

Mrs. M. Tickle

Miss M. WILKINSON

Mrs. F. L. YOUNG (Née Hellam)

Miss A. BOYCE

Miss J. M. GRAHAM

Miss E. I. GRUNES

Miss J. MCGUINNESS

Mrs. M. LYON

Domiciliary Midwives :

Miss J. M. GRAHAM

Miss A. BOYCE

Miss J. MCGUINNESS

District Nurses :

Mrs. M. H. GARDEN

Miss W. HOLDEN

Mrs. N. K. HUGHES

Mrs. F. C. BLACK

Mrs. M. MARL

Mrs. M. A. COLE

Miss R. SHANNON

Miss M. NOONAN

Mrs. M. T. PARENT

Miss M. C. STOKER

Miss A. VIDLER (to 31.1.65)

Miss N. JONES (from 1.2.65)

Mrs. M. A. GARCIA (from 13.12.65)

Miss J. P. BALLANTYNE (from 1.2.65 to 14.9.65)

Dental Surgery Assistants :

Miss J. M. CLARKE Mrs. C. G. FOX

Home Teacher for the Blind : Miss K. BURGESS

Welfare Services Organiser (part-time) : J. LOWE

Social Welfare Officer (part-time) : Miss M. LOVELL

Senior Mental Welfare Officer (part-time) : W. J. MAXWELL

Mental Welfare Officer (part-time) : Mrs. A. MADDICK

Home Help Organiser (part-time) : Mrs. F. M. SERJEANT

Assistant Home Help Organiser (part-time) : Miss L. CARR

Occupational Therapist (part-time) : Mrs. S. THOMAS

Senior Administrative Assistant : A. YOUNG, D.M.A., A.R.S.H.

Clerical Staff :

Mrs. A. MASSEY (Chief Clerk)

Mrs. I. HELLAR (to 17.12.65)

Miss J. DRAPER

Mrs. M. LEADBETTER (part-time)

Miss A. M. HOCKENHULL

Mrs. C. A. MAIN (to 7.7.65)

Miss N. BAXTER

Miss J. OWEN

Mrs. J. THOMPSON (from 3.8.65)

Miss V. C. WALKER

PUBLIC HEALTH DEPARTMENT,
22, THE ESPLANADE,
WATERLOO,
LIVERPOOL 22.

Mr. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present the 29th Annual Report on the health of the Borough of Crosby.

The health of the district remained satisfactory during the year. There were 461 cases of infectious disease notified, compared with 884 in 1964. The reduction was mainly in cases of measles. The numbers of other infectious diseases were comparatively small and there were no cases of poliomyelitis or diphtheria during the year.

The birth rate at 17.7 per 1,000 population declined when compared with the figure of 19.3 last year, but there was also a slight decline in the infantile death rate at 21.3 per 1,000 live births, compared with 24.9 in 1964. The actual number of infant deaths was 22.

The general death rate increased to 12.3 per 1,000 population, compared with 11.3 in 1964. There were no maternal deaths.

The public health inspectors have maintained their high standard of work during the year, although additional responsibilities are constantly being placed upon them. A summary of their work is included in the body of the Report.

Delegated Health and Welfare Services

The year under review has been a satisfactory one, with the various services continuing in demand. Although there have been some changes in staff, a full staff has been maintained and have carried out their work in the Borough very satisfactorily. Full details of this work will be found in the body of the Report.

An important and interesting development occurred during the year by the establishment of a Mental Health After Care Clinic in Crosby. This is held in Local Authority Premises and is attended by the Consultant Psychiatrist and the Mental Welfare Staff. The Mental Welfare Officers are able to make appointments for any patients that they see during their After-Care Visits and whom they feel need a follow-up visit to the Psychiatrist, and in the same way, the Psychiatrists refer patients on leaving hospital to these Clinics for follow-up and advice. The Clinic has been very successful and has been a valuable contribution to the effectiveness of the Mental Health Service.

The services to the aged have continued to expand, both by the Local Authority and by voluntary agencies. It is difficult to mention all the projects, but I would in particular draw attention to the establishment of a Lunch Club for old people, the extension of the Meals on Wheels Service and the establishment of a Club for Housebound People, with several coach outings arranged for the housebound during the year. All these projects are arranged voluntarily and have the blessing of the Corporation and in some cases with financial help. All have contributed materially to the well-being of the aged in the Borough.

Finally, I would like to take this opportunity of expressing my thanks to the Health Committee for their support and encouragement during the year. I would also like to record my thanks for the support of the Officers of the Council and especially those of the Health Department, at all times.

I am, Ladies and Gentlemen, your obedient servant,

J. G. HAILWOOD,

Medical Officer of Health.

October, 1966.

SECTION 1**Vital Statistics for 1965**

| | |
|---|------------|
| Area (land and inland water 4,499 acres, foreshore 2,321 acres) | 6,820 |
| Population at mid-1965 as estimated by Registrar General ... | 60,030 |
| Population at 1961 census | 59,166 |
| Population at 1951 census | 58,362 |
| Population at 1931 census | 50,569 |
| Number of inhabited houses at end of 1965 | 18,213 |
| Rateable value at 31st December, 1965 | £1,916,608 |
| Sum represented by a penny rate | £7,553 |

| | | Male | Female | Total |
|--|-----|------|--------|-------|
| Live Births —legitimate | 477 | 480 | 957 | |
| —illegitimate | 46 | 29 | 75 | |
| | — | — | — | |
| | 523 | 509 | 1032 | |
| | — | — | — | |

| | |
|--|------|
| Live birth rate per 1,000 population | |
| —unadjusted | 17.2 |
| —adjusted (area comparability factor 1.03) | 17.7 |

| | |
|--|------|
| The birth rate for England and Wales was ... | 18.1 |
| Illegitimate live births per cent of total live births | 7.3 |

| | | Male | Female | Total |
|--|----|------|--------|-------|
| Stillbirths —legitimate | 14 | 5 | 19 | |
| —illegitimate | — | — | — | |
| | — | — | — | |
| | 14 | 5 | 19 | |
| | — | — | — | |

| | |
|--|------|
| Stillbirth rate per 1,000 total live and stillbirths | 18.1 |
| The stillbirth rate for England and Wales was | 15.7 |
| Total live and stillbirths | 1051 |

| | | Male | Female | Total |
|--|-----|------|--------|-------|
| Deaths | 365 | 414 | 779 | |
| Death rate per 1,000 estimated population— | | | | |
| —unadjusted | | | | 13.0 |
| —adjusted (area comparability factor 0.95) | | | | 12.3 |

| | |
|--|------|
| The death rate for England and Wales was ... | 11.5 |
|--|------|

| | | Male | Female | Total |
|--|----|------|--------|-------|
| Infant deaths (deaths under one year) | | | | |
| —legitimate | 9 | 10 | 19 | |
| —illegitimate | 1 | 2 | 3 | |
| | — | — | — | |
| | 10 | 12 | 22 | |
| | — | — | — | |

Infant mortality rates :

| | | | |
|---|-----|-----|------|
| —total infant deaths per 1,000 live births | ... | ... | 21.3 |
| —legitimate infant deaths per 1,000 legitimate live births | | | 19.9 |
| —illegitimate infant deaths per 1,000 illegitimate live births | | | 40.0 |
| The infant mortality rate for England and Wales was | ... | ... | 19.0 |
| Neo-natal mortality rate (deaths under 4 weeks per 1,000 total live births) | ... | ... | 11.6 |
| The neo-natal mortality rate for England and Wales was | ... | | 13.0 |
| Early neo-natal mortality rate (deaths under 1 week per 1,000 total live births) | ... | ... | 9.7 |
| Perinatal mortality rate (stillbirths and deaths under 1 week per 1,000 total live and stillbirths) | ... | ... | 27.6 |
| Maternal deaths (including abortion) | ... | ... | Nil |
| Maternal mortality rate per 1,000 total births | ... | ... | — |
| The maternal mortality rate for England and Wales was | ... | | 0.25 |

List of causes of Death during the year 1965

| | Male | Female | Total | Rate |
|---|------|--------|-------|-------|
| Tuberculosis, respiratory | — | — | — | — |
| Syphilitic disease | — | 1 | 1 | .02 |
| Other infective and parasitic diseases | 1 | — | 1 | .02 |
| Malignant neoplasm, stomach | 7 | 10 | 17 | .28 |
| Malignant neoplasm, lung, bronchus | 28 | 10 | 38 | .63 |
| Malignant neoplasm, breast | — | 8 | 8 | .13 |
| Malignant neoplasm, uterus | — | 4 | 4 | .07 |
| Other malignant and lymphatic neoplasms | 27 | 33 | 60 | 1.00 |
| Leukaemia, aleukaemia | 2 | 2 | 4 | .07 |
| Diabetes | 2 | 5 | 7 | .12 |
| Vascular lesions of nervous system | 46 | 81 | 127 | 2.12 |
| Coronary disease, angina | 95 | 73 | 168 | 2.80 |
| Hypertension with heart disease | 9 | 9 | 18 | .30 |
| Other heart disease | 31 | 68 | 99 | 1.65 |
| Other circulatory disease | 10 | 13 | 23 | .38 |
| Influenza | 1 | 3 | 4 | .07 |
| Pneumonia | 22 | 21 | 43 | .72 |
| Bronchitis | 25 | 10 | 35 | .58 |
| Other diseases of respiratory system | 4 | 4 | 8 | .13 |
| Ulcer of stomach and duodenum | 3 | 2 | 5 | .08 |
| Gastritis, enteritis and diarrhoea | 1 | — | 1 | .02 |
| Nephritis and nephrosis | 3 | 2 | 5 | .08 |
| Hyperplasia of prostate | 4 | — | 4 | .07 |
| Congenital malformations | 3 | 3 | 6 | .10 |
| Other defined and ill-defined diseases | 22 | 27 | 49 | .82 |
| Motor vehicle accidents | 6 | 4 | 10 | .17 |
| All other accidents | 7 | 16 | 23 | .38 |
| Suicide | 5 | 4 | 9 | .15 |
| Homicide and operations of war | 1 | 1 | 2 | .03 |
| | 365 | 414 | 779 | 13.0* |

*After adjustment by the comparability factor 0.95 this crude death rate of 13.0 becomes an adjusted death rate of 12.3.

Causes of death of infants under one year of age

| Cause of death | Age at death | | | | | | Totals |
|--|--------------|--------------------------|------------------------|--------------------------|----------------------------|--|--------|
| | Under 1 day | 1 day & less than 7 days | 1 wk & less than 4 wks | 4 wks & less than 6 mths | 6 mths & less than 12 mths | | |
| Pneumonia | — | — | 1 | 2 | 1 | | 4 |
| Bronchitis | — | — | — | 2 | — | | 2 |
| Congenital malformations | — | 1 | — | 3 | — | | 4 |
| Post-natal asphyxia and atelectasis | 3 | — | — | — | — | | 3 |
| Other diseases peculiar to early infancy | 2 | 4 | 1 | 1 | — | | 8 |
| All other causes | — | — | — | — | 1 | | 1 |
| | 5 | 5 | 2 | 8 | 2 | | 22 |

Comparative statistics for selected years

| | 1900 | | 1920 | | 1940 | 1960 | 1964 | 1965 |
|---|------------|------------------|------------|------------------|-------------------|--------|--------|--------|
| | Gt. Crosby | W'loo & Seaforth | Gt. Crosby | W'loo & Seaforth | Borough of Crosby | | | |
| Population | 7,974 | 22,500 | 14,605 | 30,233 | 54,280 | 58,440 | 59,930 | 60,030 |
| | 30,474 | | 44,838 | | | | | |
| Births | 156 | 575 | 280 | 723 | 830 | 1,052 | 1,126 | 1,032 |
| | 73 | 1 | 10 | 03 | | | | |
| Birth Rate | 19.6 | 23.0 | 20.6 | 23.9 | 15.2 | 18.0 | 19.3 | 17.7 |
| Deaths | 100 | 305 | 133 | 421 | 752 | 777 | 692 | 719 |
| | 40 | 5 | 55 | 4 | | | | |
| Death Rate | 12.6 | 12.2 | 9.8 | 14.1 | 13.8 | 13.0 | 11.3 | 12.3 |
| Deaths of Infants Under 1 year of age | 12 | 76 | 22 | 76 | 53 | 25 | 28 | 22 |
| | 8 | 8 | 9 | 8 | | | | |
| Deaths from : Diphtheria | — | 3 | 1 | 8 | 7 | — | — | — |
| Scarlet Fever | — | — | 1 | 2 | — | — | — | — |
| Cancer | ? | 5 | 17 | 45 | 92 | 144 | 115 | 127 |
| Heart Disease | ? | 24 | 12 | 27 | 178 | 253 | 254 | 285 |
| Pulmonary Tuberculosis.... | ? | 24 | 11 | 18 | 29 | 9 | 5 | — |

SECTION 2

Delegated Health and Welfare Services

As provided by the Local Government Act 1958, the Lancashire County Council delegated to the Borough of Crosby, commencing on the 1st September, 1960, the following functions :

National Health Service Act, 1946

Sections 21 Health Centres

- 22 Care of Mothers and Young Children
- 23 Midwifery
- 24 Health Visiting
- 25 Home Nursing
- 26 Vaccination and Immunisation
- 28 Prevention of Illness, Care and After Care
(except the care or after-care in residential accommodation of persons suffering from mental illness)
- 29 Home Help Service

Mental Health Act, 1959

National Assistance Act, 1948, Sections 29 and 30

(Welfare of the Blind and Partially Sighted delegated on 1st April 1962)

NATIONAL HEALTH SERVICE ACT 1946—SECTION 21

Health Centres

There are no Health Centres in the Borough and no proposals for the future.

NATIONAL HEALTH SERVICE ACT 1946—SECTION 22

Care of Mothers and Young Children

Ante-natal and Postnatal care. The domiciliary midwives hold a weekly session at Prince Street Clinic, Waterloo, for the women they have booked for home confinement. The Assistant Medical Officer of Health who attends this clinic holds obstetrical qualifications. The reduced attendances, given in the table below, reflect the decreased number of home confinements attended by the midwives during 1965.

Work done at the Ante-natal clinic

| | 1965 By medical officer | 1965 By midwives | 1964 By medical officer | 1964 By midwives |
|------------------------------|-------------------------------|---------------------|-------------------------------|---------------------|
| No. of sessions | — | 51 | 21 | 52 |
| No. of individuals attending | | | | |
| —ante-natal | — | 25 | 26 | 330 |
| —post-natal | — | 4 | 9 | 4 |
| No. of attendances | | | | |
| —ante-natal | — | 999 | 74 | 1258 |
| —post-natal | — | 7 | 12 | 5 |

Relaxation, exercise and mothercraft classes are held under the supervision of one of the health visitors who is also a physiotherapist.

| | 1965 | 1964 |
|------------------------------|------|------|
| No. of sessions | 47 | 48 |
| No. of individuals attending | 84 | 122 |
| No. of attendances | 517 | 1099 |

Child Welfare Centres. These centres are provided to which mothers can bring their babies and toddlers regularly for supervision and advice by the medical officer and the health visitor. Total attendances showed a decrease on the previous year and the average attendance per session fell from 63.2 to 57.8. 60 children were referred to specialists and 38 to the child's own general practitioner. Certain proprietary foods are on sale from the centres for expectant and nursing mothers requiring them for medical reasons and may be supplied on the recommendation of the medical officer or health visitor to mothers and children who attend regularly.

Work done at the Child Welfare Centres

| No. of sessions | No. of individual children who attended and were born in : | | | No. of attendances by children at ages : | | | Average attendances by all children per session | |
|---------------------------------|--|------|------|--|-------------|------|---|------|
| | 1965 | 1964 | 1963 | 0- -1960 | 1- -1960 | 2-4 | | |
| Prince Street, Waterloo | 100 | 208 | 200 | 225 | 2458 | 698 | 716 | 38.7 |
| Alexandra Hall, Great Crosby | 103 | 222 | 138 | 267 | 5319 | 1391 | 1798 | 82.9 |
| Seaforth Library, Seaforth | 52 | 138 | 102 | 118 | 2098 | 291 | 578 | 57.1 |
| Moorside, Crosby | 97 | 162 | 220 | 297 | 2812 | 1025 | 1123 | 51.1 |
| Totals | 352 | 730 | 660 | 907 | 12717 | 3408 | 4215 | 57.8 |

Welfare Food Service. On behalf of the Ministry of Health, certain welfare foods viz : National Dried Milk, Orange Juice, Cod Liver Oil and Vitamin tablets, are distributed. Of the five centres, three are staffed by members of the Women's Voluntary Service.

Congenital Malformations. At the end of 1963, the Chief Medical Officer of the Ministry of Health requested that as from 1st January, 1964., information be sent to the General Register Office where malformation had been observed at a child's birth. The object is to compile statistical information from which it should be possible to detect any national or regional changes in the pattern.

The 24 children notified in Crosby during 1965, an increase on the previous year of two, fell into the following groups :-

| <i>Condition</i> | | | | | | <i>Number</i> |
|---|-----|-----|-----|-----|-----|---------------|
| Anencephalus | ... | ... | ... | ... | ... | 2 |
| Hydrocephalus | ... | ... | ... | ... | ... | 3 |
| Spina bifida | ... | ... | ... | ... | ... | 2 |
| Defects of ear... | ... | ... | ... | ... | ... | 1 |
| Cleft lip | ... | ... | ... | ... | ... | 2 |
| Cleft palate | ... | ... | ... | ... | ... | 2 |
| Rectal and anal atresia | ... | ... | ... | ... | ... | 1 |
| Congenital heart disease | ... | ... | ... | ... | ... | 2 |
| Interatrial septal defect | ... | ... | ... | ... | ... | 1 |
| Polydactyly | ... | ... | ... | ... | ... | 1 |
| Dislocation of hip | ... | ... | ... | ... | ... | 3 |
| Talipes | ... | ... | ... | ... | ... | 6 |
| Other defects of pelvic girdle and lower limb | | | | ... | ... | 1 |
| Congenital Malformation | ... | ... | ... | ... | ... | 1 |
| Mongolism | ... | ... | ... | ... | ... | 1 |
| Other Monster | ... | ... | ... | ... | ... | 1 |
| | | | | | | 30 |

It will be noted that some of the children were suffering from more than one malformation.

Dental Treatment. Dental treatment, including the supply and repair of dentures, is provided free to expectant and nursing mothers and children under five years of age. Clinics are held at Prince Street and Alexandra Hall. Treatment was given to 151 patients compared to 93 the previous year.

Work of the Dental Officers

| | | <i>Infants not yet attending school</i> | <i>Expectant mothers</i> | <i>Nursing mothers</i> | <i>Totals</i> |
|---|------|---|------------------------------|----------------------------|---------------|
| No. examined | | 127 | 31 | 20 | 178 |
| No. needing treatment | .. | 102 | 26 | 18 | 145 |
| No. treated | .. | 95 | 14 | 42 | 151 |
| No. of individuals actually treated who were rendered dentally fit | | 64 | 4 | 8 | 76 |
| No. of attendances for treatment | | 123 | 15 | 56 | 194 |
| No. of extractions ... | | 141 | 10 | 42 | 193 |
| No. of local anaesthetics adminis- tered | | 8 | 6 | 17 | 31 |
| No. of general anaesthetics ad- ministered | | 46 | 2 | 3 | 51 |
| No. of fillings | | 50 | 8 | 14 | 72 |
| No. of scalings or gum treatments | | 13 | 3 | 11 | 27 |
| No. of dressings | | 17 | 1 | 18 | 36 |
| No. of radiographs | ... | — | — | — | — |
| No. of dentures provided— | | | | | |
| complete | | — | — | 4 | 4 |
| partial | | — | — | 1 | 1 |
| repaired | | — | — | — | — |

Ascertainment of Deafness in Young Children. In view of the importance of diagnosing deafness at a very early age, all the health visitors have received special training and carry out screening tests of hearing on young children either at the child welfare centres or in the homes of the children. Cases requiring further investigation are sent to special clinics at Fulwood, Nr. Preston, or in Liverpool.

HEARING TESTS

| | <i>"At risk" groups</i> | | | | | <i>Total No. of tests</i> | <i>Others</i> | | | | | <i>Total No. of tests</i> | |
|---|-------------------------|-----------|-----------|-----------|-----------|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------------------------------|-----|
| | <i>Ages of children</i> | <i>0-</i> | <i>1-</i> | <i>2-</i> | <i>3-</i> | <i>4-</i> | <i>Ages of children</i> | <i>0-</i> | <i>1-</i> | <i>2-</i> | <i>3-</i> | <i>4-</i> | |
| No. of first tests | 125 | 56 | 3 | 2 | — | — | 186 | 232 | 135 | 11 | 2 | 1 | 381 |
| No. of second tests | 2 | 9 | 2 | — | — | — | 13 | 4 | 6 | 1 | 2 | 1 | 14 |
| No. of children who failed two tests | — | 3 | 1 | — | — | — | — | 3 | — | — | 1 | 1 | — |

Phenylketonuria. A severe degree of mental deficiency is associated with a high concentration of phenylamine in the blood and it is important that this be detected as early as possible in order to start dietary treatment. The health visitors make a simple urine test of babies aged between 10-14 days and repeated at 4-6 weeks and in 1965, 956 tests were made in the first age group and 916 in the second. No child was found to be positive.

In addition to these tests, and in co-operation with the Consultant Paediatrician at Alder Hey Hospital, "Guthrie" tests have been carried out on all babies born since 17th March, 1964.

Premature Infants. Premature infants are those who weigh $5\frac{1}{2}$ lbs. or less at birth. Health visitors are required to give priority to the visiting of such cases and to work in close co-operation with the midwife in attendance where the confinement takes place at home. Special cots, feeders and hot-water bottles are supplied on loan where necessary. The following table gives details of the 67 premature live births and 14 premature stillbirths, which occurred :

| No. of premature live births : | | | | No. of premature stillbirths : | | | |
|--------------------------------|-----|-----|----|--------------------------------|-----|-----|----|
| (a) in hospital | ... | ... | 55 | (a) in hospital | ... | ... | 11 |
| (b) at home | ... | ... | 6 | (b) at home | ... | ... | 2 |
| (c) in private nursing homes | ... | ... | 6 | (c) in private nursing homes | ... | ... | 1 |
| Total | ... | 67 | | Total | ... | 14 | |

HEALTH SERVICES

15

Care of Unmarried Mothers and their Children. The health visitors keep a careful watch on the children of unmarried mothers and work in close co-operation with the officers of the Children's Department and with moral welfare workers. Grants are made to Voluntary Associations whose workers are active in the area and financial assistance was given to fourteen unmarried mothers who applied for admission to mother and baby homes, an increase of three on the previous year.

Family Planning Clinics. Women who, for medical reasons and in the interests of their health, require advice on birth control may be referred to a Family Planning Clinic.

Maternity Outfits. Maternity outfits are provided free for patients attended by the domiciliary midwives.

Day Nurseries. There are no day nurseries in the Borough.

NATIONAL HEALTH SERVICE ACT 1946—SECTION 23

Midwifery. The domiciliary midwifery scheme provides for the employment of whole-time midwives who attend the confinements of patients in their own homes. The midwives are provided with pool cars or given an allowance to run their own cars. They made 7,881 visits, of which 329 were night visits, showing a decrease on the numbers for 1964 which were 8,498 visits (414 night visits). The total number of home confinements attended by the midwives decreased from 235 in 1964 to 184 in 1965.

Roll of Midwives at 31st December 1965

| | | No. qualified to administer inhalational analgesics |
|---------------------------------|-----------|--|
| | Total No. | |
| Local Health Authority Midwives | 5 | 5 |
| Midwives in Nursing homes | 6 | 6 |

Confinements attended

| | Confinements | Confinements at which analgesics were administered |
|---------------------------------|--------------|--|
| Local Health Authority Midwives | 184 | 177 |
| Midwives in Nursing homes | 431 | 368 |

Of the 177 confinements attended by the local authority midwives where analgesics were administered, 1 patient was given Gas/Air with Trilene, 5 were given Pethidine alone, 107 were given Pethidine with Trilene and 64 were given Trilene alone.

Live and Stillbirths

| | | | | |
|---|-----|-----|-----|-----|
| Total No. of live and stillbirths in the area | ... | ... | ... | 620 |
| No. of above which were domiciliary | ... | ... | ... | 184 |
| No. attended by the domiciliary midwives : | | | | |
| Live births—Doctor present at delivery | ... | ... | ... | 11 |
| —Doctor not present at delivery | ... | ... | ... | 171 |
| Stillbirths —Doctor present at delivery | ... | ... | ... | 1 |
| —Doctor not present at delivery | ... | ... | ... | 184 |

An increasing number of women are being discharged early from the maternity hospitals (602 in 1965 against 515 in 1964) to the care of the domiciliary midwives, 1744 visits being paid to such cases compared with 1219 the previous year.

NATIONAL HEALTH SERVICE ACT 1946—SECTION 24

Health Visiting. Health Visitors have nursing and midwifery qualifications in addition to possessing the health visitors certificate. They are specially trained to deal with social problems and frequently act as the link between the family and various statutory and voluntary social services available to them. While health visitors are concerned with all classes of the community needing advice, particular attention is given to the care of infants and young children, the aged and the handicapped. Visits during the year totalled 19,020 against 18,261 visits during the previous year.

Persons or households visited

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| (1) Children born in—1965 | ... | ... | ... | ... | ... | 1,138 |
| (2) —1964 | ... | ... | ... | ... | ... | 1,111 |
| (3) —1963/60 | ... | ... | ... | ... | ... | 3,590 |
| (4) Total number of children in (1) to (3) above | ... | ... | ... | ... | ... | 5,839 |
| (5) Persons aged 65 or over | ... | ... | ... | ... | ... | 689 |
| (6) Number included in (5) who were visited at the special request of a G.P. or hospital | ... | ... | ... | ... | ... | 22 |
| (7) Mentally disordered persons | ... | ... | ... | ... | ... | 24 |
| (8) Number included in (7) who were visited at the special request of a G.P. or hospital | ... | ... | ... | ... | ... | 5 |
| (9) Persons discharged from hospital, other than mental hospitals and excluding maternity cases | ... | ... | ... | ... | ... | 25 |
| (10) Number included in (9) who were visited at the special request of a G.P. or hospital | ... | ... | ... | ... | ... | 9 |
| (11) Number of tuberculous households visited by health visitors | ... | ... | ... | ... | ... | 10 |
| (12) Number of tuberculous households visited by tuberculosis visitors | ... | ... | ... | ... | ... | 201 |
| (13) Number of households visited on account of other infectious diseases | ... | ... | ... | ... | ... | 5 |

Visits paid

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|--------|
| Expectant mothers | ... | ... | ... | ... | ... | ... | 200 |
| Children under 5 years | ... | ... | ... | ... | ... | ... | 11,734 |
| Adults (excluding expectant mothers and tuberculosis) | | | | | | | |
| —under 65 years | ... | ... | ... | ... | ... | ... | 233 |
| —65 and over | ... | ... | ... | ... | ... | ... | 1,318 |
| Tuberculosis—Cases—under 65 years | ... | ... | ... | ... | ... | ... | 664 |
| —65 and over | ... | ... | ... | ... | ... | ... | 113 |
| —Contacts—under 65 years | ... | ... | ... | ... | ... | ... | 1,059 |
| —65 and over... | ... | ... | ... | ... | ... | ... | 24 |
| Others | ... | ... | ... | ... | ... | ... | 1,586 |
| Ineffective visits | ... | ... | ... | ... | ... | ... | 2,089 |

NATIONAL HEALTH SERVICE ACT 1946—SECTION 25

Home Nursing. The district nurses are engaged in the attendance on persons who require nursing care in their own homes. They work in close co-operation with the general medical practitioners. The 1048 cases attended during 1965 compares with 852 cases attended during 1964. Visits paid increased from 35,706 to 38,807.

General nursing cases attended

| | | | |
|--|-----|-------|------|
| No. on registers at 1st January 1965 | ... | ... | 341 |
| New cases attended | ... | ... | 707 |
| | | Total | 1048 |
| No. of cases completed | ... | ... | 683 |
| No. on registers at 31st December 1965 | ... | ... | 365 |

Visits paid during period

| | | Day | Night | Total |
|-------------------------------|-----|--------|-------|--------|
| To general cases on registers | ... | 32,782 | 350 | 33,132 |
| Casual advisory visits | ... | 1,358 | 4 | 1,362 |
| Other advisory interviews | ... | 4,313 | — | 4,313 |
| | | 38,453 | 354 | 38,807 |

Analysis of 487 completed cases

(a) by sex and age group :

| | 0-4 | 5-14 | 15-44 | 45-64 | 65+ | Totals |
|--------|-----|------|-------|-------|-----|--------|
| Male | ... | 8 | 1 | 12 | 22 | 82 |
| Female | ... | 7 | 1 | 41 | 58 | 255 |

(b) by agency of reference :

Number Per cent

Services of nurse requested by

| | | | | | |
|-----------------------|-----|-----|-----|-----|------|
| —general practitioner | ... | ... | ... | 414 | 85.0 |
| —hospital | ... | ... | ... | 55 | 11.3 |
| —P.H. Authority | ... | ... | ... | 3 | 0.6 |
| —direct | ... | ... | ... | 15 | 3.1 |

(c) disposal of cases :

Number Per cent

| | | | | | |
|------------------------------|-----|-----|-----|-----|------|
| Recovered, relieved, etc.... | ... | ... | ... | 207 | 42.5 |
| Admitted to hospital | ... | ... | ... | 148 | 30.4 |
| Died | ... | ... | ... | 94 | 19.3 |
| Gone away | ... | ... | ... | 25 | 5.1 |
| Out-patient, X-ray, etc. | ... | ... | ... | 2 | 0.4 |
| Nurse withdrawn... | ... | ... | ... | 7 | 1.4 |
| Other | ... | ... | ... | 4 | 0.8 |

(d) By disease or ailment and duration of treatment.

| Disease or Ailment | DURATION OF TREATMENTS | | | | | |
|---|------------------------|----------------------------|---------------------------------------|---------------|-----------------------|---|
| | Total No. of cases | Length of Treatment (days) | Average duration of treatment (weeks) | Total visits | Average No. of visits | Average No. of visits per case per week |
| Tuberculosis of respiratory system | 4 | 219 | 7.8 | 167 | 41.8 | 5.3 |
| Other infective and parasitic diseases | 8 | 246 | 4.4 | 87 | 10.9 | 2.5 |
| Cancer | 36 | 1446 | 5.7 | 1062 | 29.5 | 5.1 |
| Diabetes | 7 | 1887 | 38.3 | 1541 | 220.1 | 5.7 |
| Anaemias and other blood diseases | 37 | 17627 | 68.1 | 2456 | 66.4 | 1.0 |
| Mental, psychoneurotic disorders | 2 | 21 | 1.5 | 9 | 4.5 | 3.0 |
| Cerebral haemorrhage, cerebral embolism and thrombosis | 19 | 721 | 5.4 | 378 | 19.9 | 3.7 |
| Other diseases of central nervous system | 38 | 10496 | 39.5 | 2536 | 66.7 | 1.7 |
| Diseases of eye, ear and mastoid process | 4 | 60 | 2.1 | 29 | 7.3 | 3.4 |
| Diseases of heart and circulatory system | 43 | 5960 | 19.8 | 1732 | 40.3 | 2.0 |
| Pneumonia | 9 | 217 | 3.4 | 92 | 10.2 | 3.0 |
| Bronchitis | 29 | 774 | 3.8 | 412 | 14.2 | 3.7 |
| Other diseases of respiratory system | 11 | 608 | 7.9 | 210 | 19.1 | 2.4 |
| Diseases of digestive system | 65 | 2301 | 5.1 | 796 | 12.2 | 2.4 |
| Diseases of genito-urinary system | 22 | 2761 | 17.9 | 650 | 29.5 | 1.6 |
| Diseases of the skin | 34 | 5296 | 22.3 | 1325 | 39.0 | 1.8 |
| Diseases of bones and organs of movement (including rheumatism and arthritis) | 15 | 5052 | 48.1 | 2126 | 141.7 | 2.9 |
| Senility and ill-defined conditions | 73 | 11550 | 22.6 | 4412 | 60.4 | 2.7 |
| Burns and scalds | 7 | 204 | 4.2 | 109 | 15.6 | 3.7 |
| Other accidents, injuries, etc. | 11 | 1108 | 14.4 | 316 | 28.7 | 2.0 |
| All other conditions | 13 | 652 | 7.2 | 282 | 21.7 | 3.0 |
| TOTALS | 487 | 69,196 | 20.3 | 20,727 | 42.6 | 2.1 |

NATIONAL HEALTH SERVICE ACT 1946—SECTION 26

Vaccination and Immunisation

Vaccination against Smallpox.—facilities are provided for the free vaccination of any person desiring it either at the clinics or by general practitioners. Twenty general practitioners were taking part in these arrangements at the end of the year. Supplies of vaccine lymph are obtained through the Public Health Laboratory Service.

No. of vaccinations performed

| | At clinics | | | By general practitioners | | | Total | | |
|---------------------|--------------|------|-----|--------------------------|------|-----|--------------|------|-----|
| | Age in years | | | Age in years | | | Age in years | | |
| | 0-4 | 5-14 | 15+ | 0-4 | 5-14 | 15+ | 0-4 | 5-14 | 15+ |
| Primary vaccination | 359 | 8 | 2 | 174 | 10 | 9 | 533 | 18 | 11 |
| Re-vaccination | 3 | 13 | 15 | — | 4 | 10 | 3 | 17 | 25 |

Immunisation against Diphtheria, Whooping Cough and Tetanus—

Immunisation against diphtheria, whooping cough and tetanus can be given as a " triple " vaccine, or a " combined " vaccine against diphtheria and whooping cough or tetanus or a " single " vaccine against diphtheria alone. As with smallpox vaccination immunisations are provided either at the clinics or by general practitioners.

Children protected

| Protection given against | Year of birth | | | Totals | |
|--------------------------|---------------|-------------|--------------------|--------|-----|
| | 1965/ 62 | 1961/ 58 | Others under 16 | | |
| Diphtheria | P. | 822 | 39 | 10 | 871 |
| | R. | 62 | 214 | 30 | 306 |
| Whooping cough | P. | 808 | 29 | 6 | 843 |
| | R. | 52 | 67 | 12 | 131 |
| Tetanus | P. | 819 | 39 | 13 | 871 |
| | R. | 61 | 198 | 27 | 286 |

P—primary immunisation.

R—reinforcement injection.

DIPHTHERIA IMMUNISATION.

Table showing number of children immunised—by age groups.

| Age | 1934-50 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 |
|--------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0+ | 455 | 271 | 217 | 272 | 247 | 351 | 370 | 400 | 396 | 495 | 509 | 177 | 197 | 252 | 287 | 269 |
| 1+ | 2745 | 314 | 246 | 223 | 307 | 249 | 163 | 83 | 143 | 162 | 162 | 379 | 517 | 403 | 502 | 464 |
| 2+ | 1144 | 37 | 41 | 54 | 65 | 54 | 30 | 22 | 28 | 44 | 41 | 55 | 73 | 54 | 102 | 63 |
| 3+ | 828 | 32 | 32 | 34 | 36 | 36 | 25 | 15 | 14 | 15 | 36 | 46 | 12 | 15 | 32 | 26 |
| 4+ | 752 | 13 | 25 | 23 | 30 | 43 | 9 | 9 | 11 | 10 | 32 | 29 | 13 | 13 | 22 | 29 |
| 5+ | 94 | 39 | 39 | 56 | 85 | 50 | 21 | 15 | 4 | 3 | 45 | 26 | 12 | 26 | 8 | 5 |
| 6+ | 76 | 17 | 16 | 47 | 71 | 62 | 37 | 9 | 1 | 3 | 38 | 20 | 22 | 17 | 9 | 4 |
| 7+ | 552 | 2 | 9 | 33 | 44 | 22 | 30 | 6 | — | 2 | 51 | 10 | 10 | 15 | — | 1 |
| 8+ | 615 | 4 | 6 | 22 | 42 | 20 | 25 | 1 | — | 2 | 25 | 20 | 8 | 12 | 2 | 4 |
| 9+ | 435 | 3 | 4 | 19 | 24 | 10 | 11 | — | — | 2 | 21 | 13 | 5 | 2 | 1 | 4 |
| 10+ | 495 | — | 2 | 13 | 36 | 8 | 13 | — | — | 24 | 14 | 8 | 8 | 1 | 1 | — |
| 11+ | 426 | — | 7 | 19 | 18 | 6 | 20 | 2 | — | 1 | 11 | 12 | 4 | 1 | — | 1 |
| 12+ | 484 | 2 | 8 | 3 | 14 | 4 | 11 | 3 | — | — | 12 | 3 | 2 | — | — | — |
| 13+ | 331 | — | 2 | 2 | 13 | 3 | 3 | — | 4 | — | 8 | 6 | 1 | — | — | — |
| 14+ | 177 | 1 | 3 | 3 | 15 | 3 | 5 | 2 | — | — | 2 | 7 | — | — | — | — |
| 15+ | 189 | 1 | 4 | 4 | — | 6 | 8 | 7 | 3 | — | 7 | 2 | — | — | — | — |
| Totals | 11278 | 736 | 661 | 827 | 1051 | 921 | 779 | 575 | 608 | 742 | 1017 | 824 | 886 | 823 | 966 | 871 |

Total number of
children under
five years of age
treated at end of
1965—3,379

Total number of
children aged
five and up to
fifteen years
treated at end
of 1965—7,086

Poliomyelitis Vaccination. Vaccination against poliomyelitis is offered free to all persons between the ages of six months and forty years. In addition, doctors and their families, hospital workers, expectant mothers, persons going to visit and reside outside Europe, Canada or America, dental surgeons and their staffs and families, nurses and public health staffs and their families, are also eligible for vaccination. As with diphtheria immunisation and smallpox vaccination, the work is carried out either at clinics or by general practitioners.

No. of children vaccinated

| | <i>Under 5 yrs.</i> | <i>5-15 yrs.</i> | <i>Total</i> |
|----------------------------------|-------------------------|------------------|--------------|
| Primary courses of Salk vaccine | 1 | — | 1 |
| Primary courses of Sabin vaccine | 849 | 125 | 974 |
| Boosters with Salk vaccine | — | 1 | 1 |
| Boosters with Sabin vaccine | 38 | 622 | 660 |

NATIONAL HEALTH SERVICE ACT 1946—SECTION 28

Prevention of Illness, Care and After-care

Tuberculosis. The treatment of tuberculosis is the responsibility of the Liverpool Regional Hospital Board but Tuberculosis Visitors, employed by the County Council, are engaged in the domiciliary visiting of notified cases of tuberculosis and contacts, working in close co-operation with the chest physician whose clinic they attend regularly. Extra nourishment may be provided in certain circumstances where this is recommended by the chest physician. Garden shelters and medical requisites may be loaned to tuberculous patients. Financial responsibility may be accepted for maintenance in special residential training centres.

In accordance with the Public Health (Tuberculosis) Regulations 1952, 19 new cases were registered during the year compared with 30 the previous year. Of these 14 were pulmonary and 5 non-pulmonary. No deaths from tuberculosis were recorded.

B.C.G. Vaccination. The B.C.G. vaccination scheme offers vaccination against tuberculosis where appropriate, to school children from approximately 10 years of age up to school leaving age, including students attending universities, teacher training colleges, technical colleges and other further education establishments. The Medical Officers receive special training in B.C.G. vaccination technique. 182 persons were vaccinated in 1965, by the Chest Physician at the Chest Clinic, and ten schools were completed by the School Medical Officers.

(a) Vaccinations by the Chest Physician

| | Under 2 years of age | 2 & under 5 years of age | 5 & under 15 years of age | 15 years & over |
|---------------------------|----------------------------|--------------------------------|---------------------------------|--------------------|
| No. of persons tested | 29 | 29 | 105 | 21 |
| No. found positive | — | — | 1 | 1 |
| No. found negative | 29 | 29 | 104 | 20 |
| No. of persons vaccinated | 29 | 29 | 101 | 20 |

(b) Vaccination of School leavers 1964 1965

| | | | | | | |
|--------------------------------------|-----|-----|-----|-----|---|-----|
| No. of schools completed | ... | ... | ... | ... | — | 10 |
| No. of consent forms sent to parents | ... | ... | ... | ... | — | 942 |
| No. returned—refused | ... | ... | ... | ... | — | 137 |
| —consented | ... | ... | ... | ... | — | 744 |
| No. of children tested | ... | ... | ... | ... | — | 685 |
| No. found positive | ... | ... | ... | ... | — | 73 |
| No. found negative | ... | ... | ... | ... | — | 539 |
| No. of children vaccinated | ... | ... | ... | ... | — | 529 |

Health Education. The staff of the Health Department, and the health visitors in particular, are all continuously engaged in health education. Activities include talks on health matters to the mothers attending the clinics, women's organisations and other associations, supported on occasion by the showing of films. Booklets and leaflets have been distributed, including a new edition of a Health Services Handbook produced by the Health Education Section of the Lancashire County Health Department and giving details of the various health services provided in the Borough.

Convalescent Care. Convalescent Home care is arranged in suitable cases on the recommendation of a general practitioner, the applicants paying the whole or part of the cost according to their financial means. Five applicants (2 male and 3 female) were assisted during the year, two fewer than the previous year.

Mothercraft Training. Residential training may be arranged in appropriate cases for mothers who can be accompanied by their children. In the main, these are problem families or potential problem families. A charge is made, according to means.

Loan of Nursing Equipment. Articles of nursing equipment are available on loan to patients who are confined or nursed at home. Items of equipment available include : air rings, beds, mattresses, bed-rests, invalid chairs, walking aids, bed pans, commodes, draw sheets and urinals. There is no charge for this service.

Chiropody Service. This free service is limited to the aged, the physically handicapped and expectant mothers. Two sessions per week are held at the School Clinic, Seaforth, four at the School Clinic, Waterloo and one at the Community Centre on Brownmoor Estate. The chiropodists are full-time employees on loan from Health Division No. 7 but the organising of the clinics is done by the Crosby Old People's Welfare Committee. The number of individuals treated increased from 669 in 1964 to 685 in 1965 and the number of treatments given from 2,505 to 2,663.

Work done at the Chiropody Clinics

| | No. of clinics operating at yr. end. | Total No. of clinic sessions held. | No. of treatments given to patients | | | No of individuals treated | | |
|------------------------------|--------------------------------------|------------------------------------|-------------------------------------|---------|-------|---------------------------|---------|-------|
| | | | In clinics | At home | Total | In clinics | At home | Total |
| Direct Voluntary Association | 3 | 303 | 2245 | 87 | 2332 | 487 | 34 | 521 |
| | — | 41 | 331 | — | 331 | 164 | — | 164 |
| Total | 3 | 344 | 2576 | 87 | 2663 | 651 | 34 | 685 |

All the patients treated were in the category "aged", except for one handicapped person who was treated once.

NATIONAL HEALTH SERVICE ACT 1946—SECTION 29**Home Help Service.**

The services of a home help are available to expectant mothers, families deprived of the mother's care by sudden illness or removal to hospital, sick or aged persons living alone who are unable to look after themselves and have no relative to care for them. The home help manages the home in the absence of the mother, keeps the house clean, shops, prepares and cooks meals, cares for the children and does the washing and mending. A charge is made according to means. One whole-time and 57 part-time home helps were employed at 31st December, 1965. The part-time services of the Home Help Organiser are made available from Lancashire Health Division No. 7.

| | | | Cases attended during | |
|-----------------------------------|-----|-----|-----------------------|------|
| | | | 1965 | 1964 |
| Confinement—at home | ... | ... | 21 | 29 |
| —away from home | ... | ... | 22 | 12 |
| Tuberculosis—aged 65 or over | ... | ... | 2 | 2 |
| —aged under 65 | ... | ... | 6 | 3 |
| Mentally disordered—aged under 65 | ... | ... | 4 | 6 |
| Chronic sick—aged under 65 | ... | ... | 55 | 48 |
| —aged and infirm (65 or over) | ... | ... | 434 | 392 |
| All other cases—aged 65 or over | ... | ... | 19 | 8 |
| —aged under 65 | ... | ... | 54 | 52 |
| | | | 617 | 552 |

NATIONAL HEALTH SERVICE ACT 1946—SECTIONS 28 & 51 AND THE MENTAL HEALTH ACT 1959.

Mental Health Services. The Mental Health Act 1959 came into operation on the 1st November 1960, repealing the Mental Deficiency and Lunacy Acts. The new Act envisages a fresh approach to the problem of mental illness, admissions to hospital for treatment to be an informal arrangement through psychiatric out-patient clinics just as in other illnesses. Compulsory emergency admissions, instead of being dealt with through a magistrate as under the old legislation, will be arranged by doctors. The Mental Welfare Officers undertake the care and after-care of patients who no longer need hospital treatment, making regular visits to offer help and guidance. They work in close co-operation with the psychiatric clinic staff. The part-time services of the Mental Welfare Officers are made available from Lancashire Health Division No. 7. Convalescent patients can meet on one night a week at the Training Centre at a club organised by the Mental Welfare Officers.

Training Centre. The Waterloo Training Centre for mentally sub-normal children has not been delegated and is still administered by the Lancashire Health Division No. 7.

Residential Accommodation. Residential accommodation for the mentally disordered has not been delegated by the County Council.

Guardianship. The authority may accept the duties of guardianship.

Mental Health Service

Work of the Mental Welfare Officers

| | | | No of cases | No. of visits |
|-----|---|-----|-------------|---------------|
| (a) | Informal admissions to hospitals | ... | 49 | 73 |
| (b) | (i) Admissions for observation (Section 25) | 63 | 115 | |
| | (ii) Admissions for treatment (Section 26) | 7 | 13 | |
| | (iii) Emergency admission (Section 29) | 16 | 25 | |
| (c) | Prevention, Care and After-care—Home visits to | | | |
| | (i) Mentally subnormal (including severely subnormal) | 245 | 311 | |
| | (ii) Psychopathic and mentally ill | 794 | 1048 | |
| (d) | Other visits | 358 | 284 | |

NATIONAL ASSISTANCE ACT 1948—SECTIONS 29 & 30

Welfare Services for the Blind and Partially Sighted. The administration of this service was delegated to the Council from the Lancashire County Council on the 1st April, 1962. The day-to-day supervision of the service continues with the Liverpool Home Teaching Society for the Blind. One Home Teacher is employed in Crosby. Of the 3 newly registered partially sighted, 1 was in the age group 21-49 and the remaining 2 were 65 and over. Of the 15 newly registered blind, 3 were in the age group 16-46, 1 between 50-64, and the remaining 11 were over 65 years.

Registered blind persons as at 31.12.65

| Age Group | | | | |
|-------------|-------|---------|-------|--|
| Years | Males | Females | Total | |
| 0—4 | — | — | — | |
| 5—15 | 1 | 1 | 2 | |
| 16—20 | 1 | — | 1 | |
| 21—49 | 10 | 4 | 14 | |
| 50—64 | 13 | 13 | 26 | |
| 65 and over | 23 | 53 | 78 | |
| | 48 | 73 | 121 | |
| | — | — | — | |

Registered partially sighted persons as at 31.12.65

| Age group | | | | |
|-------------|-------|---------|-------|--|
| Years | Males | Females | Total | |
| 0—4 | — | — | — | |
| 5—15 | 3 | 1 | 4 | |
| 16—20 | 1 | — | 1 | |
| 21—49 | 4 | 2 | 6 | |
| 50—64 | 1 | 7 | 8 | |
| 65 and over | 8 | 19 | 27 | |
| | 17 | 29 | 46 | |
| | — | — | — | |

A handicraft centre is organised at St. Andrew's Church Hall, Waterloo, each Wednesday morning and afternoon and a social centre at Linacre Mission, Litherland, is open each Tuesday afternoon.

At the end of the year, 21 blind and 3 partially sighted persons possessed talking book machines they had rented or purchased themselves.

Welfare Services for the Handicapped (other than the blind and partially sighted). It is the duty of the Council to arrange for social workers to advise handicapped persons how best to obtain any available assistance of which they may be in need and to assist them to overcome the effects of their disabilities. The assistance of Voluntary Organisations in domiciliary visiting is welcomed. Financial help may be given for works of adaptation in the home and the provision of special equipment to mitigate the effect of disability. Facilities are available for the tuition and practice of handicrafts. Welfare Services for the Deaf and Hard of Hearing have not been delegated from the County Council.

Of the 67 men and 57 women on the register of handicapped persons at the end of the year, eight were employed in open industry and one in a sheltered workshop. The number who were incapable of work was 34.

The Occupational Therapist made 255 visits to 22 handicapped persons.

Financial assistance was given in four cases for adaptations at the homes of handicapped persons. Three of these were to provide greater comfort or convenience and one to enable the Ministry of Health to supply an invalid vehicle.

The County Council arranged for a party of handicapped persons to go on holiday to a holiday camp during the early summer and 5 people from Crosby were included in the party. One was sent on holiday to a holiday home.

Nurseries and Child Minders Regulations Act, 1948

This Act requires that registers shall be kept of (a) premises where children are received to be looked after and (b) of persons who, for reward, receive into their homes children under the age of five to be looked after.

Certificates of registration are issued subject to certain standards of premises and staff.

Three Child Minders were registered at the end of the year.

Medical Examinations

The medical staff carried out medical examinations for a variety of purposes as the table below indicates :—

| | | | | | |
|--|-----|-----|-----|-----|-----|
| Fitness for employment | ... | ... | ... | ... | 20 |
| Children in care of the Children's Committee | | | | ... | 13 |
| Employment of children outside school hours | | | | ... | 111 |
| Entry to Teachers Training Colleges | ... | ... | ... | ... | 103 |
| Children attending camp schools | ... | ... | ... | ... | 90 |
| Others | ... | ... | ... | ... | 11 |

SECTION 3

INSPECTION AND SUPERVISION OF FOOD

During the year 184 samples of food and drugs were purchased and submitted for analysis. 60 were formal and 124 were informal samples. Full details are given in the following table.

| Article | No examined | | | No. adulterated or otherwise giving rise to irregularity | | | No. of Vendors Warned | Informations laid |
|-----------------------------------|-------------|----------|-------|--|----------|-------|-----------------------|-------------------|
| | Formal | Informal | Total | Formal | Informal | Total | | |
| Beef, corned | — | 1 | 1 | — | — | — | — | — |
| Beef, mince | — | 3 | 3 | — | — | — | — | — |
| Beer, bitter | — | 1 | 1 | — | — | — | — | — |
| Beer, ginger | — | 1 | 1 | — | — | — | — | — |
| Beverage, tonic, food | — | 1 | 1 | — | — | — | — | — |
| Biscuits, diet | — | 1 | 1 | — | — | — | — | — |
| Biscuits, tomato cocktail | — | 1 | 1 | — | — | — | — | — |
| Cascara | — | 1 | 1 | — | — | — | — | — |
| Cereal, breakfast | — | 1 | 1 | — | — | — | — | — |
| Cheese | — | 1 | 1 | — | — | — | — | — |
| Cheese, cheddar, with beer | — | 1 | 1 | — | — | — | — | — |
| Cheese, parmesan, grated | — | 1 | 1 | — | — | — | — | — |
| Cheese, cream | — | 1 | 1 | — | — | — | — | — |
| Chicken | — | 1 | 1 | — | — | — | — | — |
| Chicken fillets in jelly | — | 1 | 1 | — | — | — | — | — |
| Chow Mein and noodles | — | 1 | 1 | — | — | — | — | — |
| Chutney, tomato | — | 1 | 1 | — | — | — | — | — |
| Coffee | — | 1 | 1 | — | — | — | — | — |
| Coffee, dandelion | — | 1 | 1 | — | — | 1 | 1 | 1 |
| Confectionery, cheese and marmite | — | 1 | 1 | — | — | — | — | — |
| Confectionery, chocolate | — | 1 | 1 | — | — | — | — | — |
| Corn oil | — | 1 | 1 | — | — | — | — | — |
| Cornflour | — | 2 | 2 | — | — | — | — | — |
| Crab | — | 1 | 1 | — | — | — | — | — |
| Crystals, orange flavoured | — | 1 | 1 | — | — | — | — | — |
| Curry, beef and vegetables | — | 1 | 1 | — | — | — | — | — |
| Dessert, caramel | — | 1 | 1 | — | — | — | — | — |
| Dressing, blue cheese | — | 1 | 1 | — | — | 1 | 1 | 1 |
| Drink, blackcurrant | — | 1 | 1 | — | — | — | — | — |
| Drink, low calorie, golden orange | — | 1 | 1 | — | — | — | — | — |
| Drink orange | — | 1 | 1 | — | — | — | — | — |
| Drink, sweetened fruit juice | — | 1 | 1 | — | — | — | — | — |
| Drink, vit, health | — | 1 | 1 | — | — | — | — | — |
| Flavouring, almond | — | 1 | 1 | — | — | — | — | — |
| Flavouring, raspberry | — | 1 | 1 | — | — | — | — | — |
| Fruit cocktail | — | 1 | 1 | — | — | — | — | — |
| Fruit topping | — | 1 | 1 | — | — | — | — | — |
| Gateau, coffee | — | 1 | 1 | — | — | — | — | — |
| Grill, mixed | — | 1 | 1 | — | — | — | — | — |
| Jelly, mint | — | 1 | 1 | — | — | — | — | — |
| Jelly covering | — | 1 | 1 | — | — | — | — | — |
| Carried forward | — | 44 | 44 | — | 2 | 2 | 2 | — |

INSPECTION AND SUPERVISION OF FOOD

| Article | No. examined | | | No. adulterated or otherwise giving rise to irregularity | | | No. of Vendors Warned | Informa- tions laid |
|---------------------------------------|--------------|----------|-------|--|----------|-------|-----------------------------|---------------------------|
| | Formal | Informal | Total | Formal | Informal | Total | | |
| Brought forward | — | 44 | 44 | — | 2 | 2 | 2 | — |
| Ketchup, mushroom | — | 1 | 1 | — | — | — | — | — |
| Macaroni and cheese | — | 1 | 1 | — | — | — | — | — |
| Margarine, corn oil | — | 1 | 1 | — | — | — | — | — |
| Marinadade, scotch whisky flavour | — | 1 | 1 | — | — | — | — | — |
| Marzipan | — | 1 | 1 | — | — | — | — | — |
| Meat, pork, luncheon | — | 1 | 1 | — | — | — | — | — |
| Meat loaf | — | 1 | 1 | — | — | — | — | — |
| Milk | 60 | 2 | 62 | 1 | 1 | 2 | — | 1 |
| Milk, instant, non-fat, skimmed | — | 1 | 1 | — | — | — | — | — |
| Mincemeat | — | 1 | 1 | — | — | — | — | — |
| Mix, fritter | — | 1 | 1 | — | — | — | — | — |
| Mix, onion white sauce | — | 1 | 1 | — | — | — | — | — |
| Mix, puff pastry | — | 1 | 1 | — | — | — | — | — |
| Mixture, sponge | — | 1 | 1 | — | — | — | — | — |
| Mixture, sponge and jelly | — | 1 | 1 | — | — | — | — | — |
| Nutmeg | — | 1 | 1 | — | — | — | — | — |
| Paella | — | 1 | 1 | — | — | — | — | — |
| Paprika | — | 1 | 1 | — | — | — | — | — |
| Paste, salmon | — | 1 | 1 | — | — | — | — | — |
| Piccalilli relish | — | 1 | 1 | — | — | — | — | — |
| Pies, mince | — | 1 | 1 | — | — | — | — | — |
| Plum, walnut with brandy | — | 1 | 1 | — | — | — | — | — |
| Pork | — | 2 | 2 | — | — | — | — | — |
| Pork brawn | — | 1 | 1 | — | — | — | — | — |
| Pork, stuffed roll | — | 1 | 1 | — | — | — | — | — |
| Potato crisps, cheesey | — | 1 | 1 | — | — | — | — | — |
| Potato crisps, oxo flavoured | — | 1 | 1 | — | — | — | — | — |
| Powder, curry | — | 1 | 1 | — | — | — | — | — |
| Powder, soup asparagus | — | 1 | 1 | — | 1 | 1 | — | — |
| Prawns | — | 1 | 1 | — | — | — | — | — |
| Preparation, vegetables and turkey | — | 1 | 1 | — | — | — | — | — |
| Prunes | — | 1 | 1 | — | — | — | — | — |
| Pudding, orange | — | 1 | 1 | — | — | — | — | — |
| Pudding, sponge, apple | — | 1 | 1 | — | — | — | — | — |
| Pudding, steak and kidney | — | 1 | 1 | — | — | — | — | — |
| Rarebit, Lancashire | — | 1 | 1 | — | — | — | — | — |
| Ratafias | — | 1 | 1 | — | — | — | — | — |
| Rice | — | 1 | 1 | — | — | — | — | — |
| Salmon, medium red | — | 1 | 1 | — | — | — | — | — |
| Carried forward | 60 | 85 | 145 | 1 | 4 | 5 | 2 | 1 |

| Article | No. examined | | | No. adulterated or otherwise giving rise to irregularity | | | No. of Vendors Warned | Infor- ma- tions laid |
|-----------------------------------|--------------|----------|-------|--|----------|-------|-----------------------------|--------------------------------|
| | Formal | Informal | Total | Formal | Informal | Total | | |
| Brought forward | 60 | 145 | 145 | 1 | 4 | 5 | 2 | 1 |
| Salt, gravy | — | 1 | 1 | — | — | — | — | — |
| Sardines | — | 1 | 1 | — | — | — | — | — |
| Sauce, bread | — | 1 | 1 | — | — | — | — | — |
| Sauce, chutney | — | 1 | 1 | — | — | — | — | — |
| Sauce, horseradish | — | 1 | 1 | — | — | — | — | — |
| Sauce, parsley | — | 1 | 1 | — | — | — | — | — |
| Sausages, pork and beef | — | 1 | 1 | — | — | — | — | — |
| Savouries, turkey and ham | — | 1 | 1 | — | — | — | — | — |
| Shrimps | — | 1 | 1 | — | — | — | — | — |
| Soup, lobster | — | 1 | 1 | — | — | — | — | — |
| Soup, oxtail, haricot | — | 1 | 1 | — | — | — | — | — |
| Spread, spam | — | 1 | 1 | — | — | — | — | — |
| Steak, stewed | — | 2 | 2 | — | — | — | — | — |
| Steakettes | — | 2 | 2 | — | — | — | — | — |
| Steaks, meatless, minced | — | 2 | 2 | — | — | — | — | — |
| Stew, Irish | — | 1 | 1 | — | — | — | — | — |
| Sticks, potato, cheese and tomato | — | 2 | 2 | — | — | — | — | — |
| Stock, chicken | — | 1 | 1 | — | — | — | — | — |
| Sulphite solution | — | 1 | 1 | — | 1 | 1 | 1 | — |
| Tablets, celery and seaweed | — | 1 | 1 | — | — | — | — | — |
| Tablets, dipex | — | 1 | 1 | — | — | — | — | — |
| Tartar, cream of | — | 1 | 1 | — | — | — | — | — |
| Tartaric acid | — | 1 | 1 | — | — | — | — | — |
| Tea | — | 2 | 2 | — | — | — | — | — |
| Toffee, popcorn | — | 1 | 1 | — | — | — | — | — |
| Tongue, lambs | — | 2 | 2 | — | — | — | — | — |
| Tomato purée | — | 1 | 1 | — | — | — | — | — |
| Tonic water | — | 1 | 1 | — | — | — | — | — |
| Topping, dairy | — | 1 | 1 | — | — | — | — | — |
| Topping, fruit | — | 1 | 1 | — | — | — | — | — |
| Tuna | — | 1 | 1 | — | — | — | — | — |
| Vinegar, malt | — | 1 | 1 | — | — | — | — | — |
| Vinegar, raspberry and olive oil | — | 1 | 1 | — | — | — | — | — |
| Totals | 60 | 124 | 184 | 1 | 5 | 6 | 3 | 1 |

Of the 184 samples taken and submitted for analysis 6, or 3·3% of the total, were reported as falling short of the required standard composition, as being definitely adulterated or giving rise to irregularities. Details of these are set out in the following table :-

| Serial No. | Article | Type of Sample | Nature of adulteration or irregularity | Observations |
|------------|-----------------------|----------------|--|---|
| 54 | Sulphite solution | Informal | Did not comply with Preservative Regulations, 1962 | Packed by small local firm, who corrected error on request. |
| 58 | Blue cheese dressing | Informal | Inefficiently labelled | Communicated with manufacturers |
| 66 | Dandelion coffee | Informal | Unjustified claim on wrapper | Communicated with manufacturers, who agreed to amend label. |
| 78 | Milk | Formal | Deficient in fat | Fined £10, with £1-14-6 costs. |
| 113 | Milk | Informal | Bitter taste | Bacteriological exam. satisfactory. No further action. |
| 167 | Asparagus soup powder | Informal | Fat in product was rancid | Information from complainant too vague to justify action. |

LANCASHIRE COUNTY COUNCIL (GENERAL POWERS)
ACT 1951.

Section 14 of this Act, which has been adopted by the Corporation, provides for the registration of hawkers of food and premises used by them for storage. These premises are regularly inspected, and all practicable control is exercised over the hawkers themselves.

ICE CREAM.

All premises at which ice-cream is manufactured or sold were regularly inspected, 238 visits being made during the year.

In addition, 72 samples were taken for bacteriological examination. Samples were submitted to a methylene blue reduction test, and divided into four grades, in accordance with a provisional grading system recommended by the Ministry of Health. As a working basis, the Ministry have suggested that 50% of the samples from any one source should fall into grade 1, 80% into grades 1 and 2, and none into grade 4. No claims for the infallibility of this test are made by the Ministry, but it forms a useful adjunct to regular inspection, and helps the Public Health Inspectors to concentrate their efforts on endeavouring to improve the technique of the less satisfactory producers and retailers.

When sampling ice-cream it is the Public Health Inspectors' practice to devote special attention to the less satisfactory sources of supply, and to take immediate 'repeat' samples when the original sample is placed in grade 3 or 4.

69 samples were submitted to the 'methylene blue' test and of these 54 were placed in grade one, 12 in grade two, 2 in grade three and 1 in grade four.

MEAT AND OTHER FOODS

The inspection of food premises is carried out by the Public Health Inspectors, all of whom possess the necessary qualifications. Shops, vehicles and premises where food is prepared, stored, conveyed or sold are kept under constant supervision.

In carrying out this work the following inspections were made:—

Butchers' Shops, 146 inspections.

Other Food Shops, Vehicles and Premises, 1,570 inspections.

MILK SUPPLY

Under the Milk (Special Designation) Regulations, 1963-5, the number of dealers' licences in force at the end of the year was :-

Pre-packed milk—95 Untreated milk—15

The number of dealers authorised to deal in milk of the following designations was :-

Untreated—15 Pasteurised—90 Sterilised—79

Visits of inspection made during the year numbered 321. None of the 4 samples of milk submitted for examination was found to contain tubercle bacilli.

CLEANLINESS OF MILK SUPPLY.

The standard of cleanliness adopted by the Corporation is that prescribed by the Ministry. 111 samples of milk were submitted for bacteriological examination during the year, and of these 99, or 89.2 per cent, reached the required standard of cleanliness. None of the pasteurised milks failed the phosphatase test.

Particulars of samples failing to reach the required standard were forwarded to the Chief Milk Production Officer to the Lancashire Agricultural Executive Committee, and where the sample had been obtained from local dairymen, the dairies were specially visited also.

The table below gives in detail the results of all samples taken during the year :—

| Total Number of Samples | Grade of Milk Sampled | | | |
|-------------------------|-----------------------|-------------|------------------|------------|
| | Untreated | Pasteurised | T.T. pasteurised | Sterilized |
| 111 | 6 | 81 | 1 | 23 |

| Results | Number of samples submitted to test | Number satisfactory | Number unsatisfactory | Number void |
|-----------------------|-------------------------------------|---------------------|-----------------------|-------------|
| Methylene Blue Test | 83 | 76 | 6 | 6 |
| Phosphatase Test | 84 | 84 | — | — |
| Turbidity Test | 23 | 23 | — | — |
| Inoculation Test | 2 | 1 | — | 1 |
| Brucellosis-Ring Test | 2 | 2 | — | — |

UNSOND FOOD.

During the year the undermentioned quantities of food were found to be unfit for human consumption and were voluntarily surrendered.

| | | | |
|-----------------------------|-----|-----|---------------------------------|
| Meat, tins or packets | ... | ... | 1210 lbs. 15 $\frac{1}{4}$ ozs. |
| Fruit, tins or packets | ... | ... | 1626 lbs. 9 $\frac{1}{2}$ ozs. |
| Vegetables, tins or packets | ... | ... | 720 lbs. 12 $\frac{1}{2}$ ozs. |
| Fish, tins or packets | ... | ... | 100 lbs. 1 $\frac{1}{2}$ ozs. |
| Soup | ... | ... | 18 lbs. 11 $\frac{3}{4}$ ozs. |
| Milk and beverages | ... | ... | 148 $\frac{3}{4}$ pints. |
| Preserves | ... | ... | 192 lbs. 15 ozs. |
| Miscellaneous | ... | ... | 126 lbs. 12 $\frac{1}{4}$ ozs. |

BAKEHOUSES.

At the end of 1965 there were 12 bakehouses in the Borough. All bakehouses were inspected, and generally found to be maintained in a clean and satisfactory condition, 57 visits being made during the year.

In several instances bakehouses were noticed to be in need of cleansing and limewashing, and on notifying the occupier the matter was promptly remedied. Various minor defects were noted and on intimation were subsequently rectified.

There are no basement bakehouses in the Borough.

FOOD HYGIENE REGULATIONS.

The requirements of the Regulations were generally well observed. Minor infringements were rectified upon request, and no prosecutions were necessary.

SECTION 4

Prevalence and Control of Infectious Diseases.

Table of Infectious Diseases Notified during 1965.

| Notifiable Diseases. | Number of cases originally notified | Total No. of cases after correction | Age Groups. | | | | | | No. removed to Hosp. | Total deaths. | |
|---|-------------------------------------|-------------------------------------|-------------|------------|------------|------------|------------|------------|----------------------|---------------|-----------|
| | | | Under 1 yr. | 1+2 yrs. | 3+4 yrs. | 5-9 yrs. | 10-14 yrs. | 15-24 yrs. | 25-44 yrs. | 45-64 yrs. | |
| Scarlet Fever | 95 | 95 | 2 | 9 | 13 | 57 | 12 | — | — | — | 3 |
| Whooping Cough | 48 | 48 | 4 | 12 | 14 | 18 | — | — | — | — | 1 |
| Diphtheria | — | — | — | — | — | — | 5 | — | — | — | — |
| Measles | 275 | 275 | 12 | 94 | 83 | 81 | — | — | — | — | 3 |
| Acute Pneumonia, Primary or Influenza | 23 | 23 | 1 | — | — | 1 | 1 | — | — | — | 5 |
| Meningococcal Infection | — | — | — | — | — | — | — | — | — | — | — |
| Acute Poliomyelitis— | — | — | — | — | — | — | — | — | — | — | — |
| paralytic | — | — | — | — | — | — | — | — | — | — | — |
| non-paralytic | — | — | — | — | — | — | — | — | — | — | — |
| Acute Encephalitis— | — | — | — | — | — | — | — | — | — | — | — |
| infective | — | — | — | — | — | — | — | — | — | — | — |
| post-infectious | — | — | — | — | — | — | — | — | — | — | — |
| Dysentery | — | — | — | — | — | — | — | — | — | — | — |
| Ophthalmia Neonatorum | — | — | — | — | — | — | — | — | — | — | — |
| Puerperal Pyrexia | — | — | — | — | — | — | — | — | — | — | — |
| Smallpox | — | — | — | — | — | — | — | — | — | — | — |
| Paratyphoid Fevers | — | — | — | — | — | — | — | — | — | — | — |
| Enteric or Typhoid Fever | — | — | — | — | — | — | — | — | — | — | — |
| Food Poisoning | — | — | — | — | — | — | — | — | — | — | — |
| Erysipelas | 1 | 1 | — | — | — | — | — | — | — | — | — |
| Tuberculosis: | — | — | — | — | — | — | — | — | — | — | — |
| Pulmonary | 14 | 14 | — | — | — | — | — | — | — | 1 | — |
| Non-Pulmonary | 5 | 5 | — | — | — | — | — | — | — | 4 | — |
| Totals | 461 | 461 | 19 | 115 | 111 | 157 | 18 | 2 | 14 | 13 | 24 |

The corrected total of confirmed cases of infectious disease amounted to 461 as against 884 the previous year. 225 visits were made by the Public Health Inspectors for the purpose of investigating certain cases of infectious disease.

Disinfection was carried out at premises where infectious diseases occurred, 59 houses being treated during the year. In addition, 526 articles of clothing, bedding, &c., and 153 library books were removed and treated at the disinfecting station.

The Borough Education Officer and principals at the schools were notified of occurrences concerning school children, and the Borough Librarian was notified of all cases.

Infectious Diseases recorded in selected years since the formation of the Borough.

| Diseases | 1937 | 1940 | 1945 | 1950 | 1955 | 1965 |
|--|------|------|------|------|------|------|
| Scarlet Fever | 83 | 109 | 140 | 120 | 44 | 95 |
| Whooping Cough | 37 | 26 | 22 | 155 | 345 | 48 |
| Diphtheria and Memb. Croup | 87 | 103 | 40 | — | — | — |
| Measles | 278 | 893 | 145 | 779 | 804 | 275 |
| Pneumonia—primary or influenzal | 63 | 74 | 26 | 26 | 25 | 23 |
| Meningococcal Infection | — | 17 | 4 | 3 | 1 | — |
| Poliomyelitis—acute | — | 2 | 1 | 6 | 4 | — |
| Encephalitis—acute | — | 1 | — | 1 | — | — |
| Dysentery | — | — | 1 | 1 | 89 | — |
| Ophthalmia Neonatorum ... | 4 | 19 | 2 | — | — | — |
| Puerperal Pyrexia | 1 | 6 | 1 | 1 | 2 | — |
| Smallpox | — | — | — | — | — | — |
| Paratyphoid Fevers | — | — | 2 | — | — | — |
| Enteric or Typhoid Fever | 7 | 5 | — | — | — | — |
| Food Poisoning | — | — | — | 1 | — | — |
| Erysipelas | 20 | 32 | 17 | 20 | 5 | 1 |
| Malaria | — | 1 | 1 | 1 | — | — |
| Tuberculosis - Pulmonary | 66 | 71 | 68 | 103 | 60 | 14 |
| " Non-Pulmonary | 19 | 12 | 16 | 8 | 2 | 5 |
| Typhus Fever | — | — | — | — | — | — |
| Relapsing Fever | 1 | — | — | — | — | — |
| Totals | 666 | 1371 | 486 | 1225 | 1381 | 461 |

SECTION 5

Shops Act, 1950.

The Act came into operation on 1st October, 1950, but as a consolidating measure only, making no change in the existing legislation.

Under the Act the routine inspection of shops was continued during 1965, a total of 294 inspections being made during the year. Defects and contraventions discovered were referred to the persons responsible. These matters received prompt attention and were dealt with informally.

At the end of the year there were 991 occupied shops on the register ; there are very few empty shops in the area.

THE PET ANIMALS ACT, 1951.

This Act confers upon Local Authorities power to licence and control pet shops. All shops in the Borough where animals are sold are inspected and in licensing such premises the Council have imposed conditions designed to secure the comfort and humane treatment of the animals concerned.

PETROLEUM REGULATIONS.

Thirty-seven premises were licensed during the year for the storage of petrol. 18 of these premises were public filling stations ; in the remaining cases petrol was stored only for use in the Licensees' vehicles.

One licence was issued for the storage of lighter fuel, and four for the storage of cellulose thinners.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

This Act, which came into force on 1st August, 1964, increased the local authorities power of control over shops, for the first time extended these powers to offices, and made registration obligatory upon the proprietors of both types of premises.

The table below gives details of each type of premises on the register at the end of the year and the number of visits made.

| Class | Number of premises | Number inspected | Number of exemptions |
|--------------------------------------|--------------------|------------------|----------------------|
| Offices | 103 | 86 | — |
| Retail Shops | 473 | 327 | — |
| Wholesale shops, Warehouses | 12 | 7 | — |
| Catering establishments, Canteens | 42 | 18 | — |
| Fuel storage depots | 1 | — | — |
| No. of visits of all kinds | | 763 | |

SECTION 6

FACTORIES ACTS, 1937 to 1961.

1. INSPECTIONS for purposes of provisions as to health.

| Premises | Number on Register | Number of | |
|---|--------------------------|-----------------------|--------------------|
| | | In- spectio- ns | Written Notices |
| (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... | 14 | 22 | 2 |
| (ii) Factories not included in (i) in which Sec. 7 is enforced by the Local Authority | 98 | 154 | — |
| (iii) Other Premises in which Sec. 7 is enforced by the Local Authority (excluding out-workers' premises) | 12 | 20 | 2 |
| TOTAL ... | 124 | 196 | 4 |

2. CASES IN WHICH DEFECTS WERE FOUND.

| Particulars | Number of cases in which defects were found | | | | Number of cases in which Prosecutions were Instituted |
|---|---|-----------|----------------------------|-------------------|---|
| | Found | Remedied | Referred To H.M. Inspector | By H.M. Inspector | |
| Want of cleanliness (S.1.) ... | 9 | 9 | — | — | — |
| Overcrowding (S.2.) ... | — | — | — | — | — |
| Unreasonable temperature (S.3.) | — | — | — | — | — |
| Inadequate ventilation (S.4.) ... | — | — | — | — | — |
| Ineffective drainage of floors (S.6.) | — | — | — | — | — |
| Sanitary Conveniences (S.7.) | | | | | |
| (a) Insufficient ... | 2 | 2 | — | — | — |
| (b) Unsuitable or defective ... | 3 | 3 | — | — | — |
| (c) Not separate for sexes ... | — | — | — | — | — |
| Other offences against the Act (not including offences relating to Outwork) ... | 2 | 2 | — | — | — |
| TOTAL ... | 16 | 16 | — | — | — |

HOME WORKERS.

Occupiers of factories from which work of certain kinds is given out are compelled to keep a list of outworkers employed by them, and to send a copy of the list to the Local Authority in February and August of each year. There were no outworkers in Crosby during 1965.

SECTION 7

Housing and Environmental Hygiene.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR

| | <i>Houses</i> | <i>Flats</i> |
|----------------------------|---------------|--------------|
| By the local authority... | — | 82 |
| By other local authorities | — | — |
| By other bodies or persons | 51 | 100 |

INSPECTION OF THE DISTRICT

During the year 7,588 premises in the Borough were inspected.

To secure the abatement of nuisances found during these inspections, 713 preliminary notices were served upon owners and occupiers. Cases in which these notices were not complied with were reported to the Health Committee, upon whose order 147 statutory notices were served.

Premises were visited while work was in progress with the object of ensuring that the nuisances were satisfactorily abated, the number of such re-inspections being 2,504. 2,120 nuisances were discovered and 1,928 abated during the year.

Intiations were sent to the Borough Engineer's Department on 46 occasions regarding the following matters noted during inspections of the district.

| | |
|--|----|
| Choked or damaged gullies and sewers | 15 |
| Defective paving and pathways | 8 |
| Removal of refuse and debris | 8 |
| Dangerous walls and buildings | 5 |
| Miscellaneous matters | 11 |

INSPECTION OF DWELLING-HOUSES DURING THE YEAR

| | |
|---|---------------|
| 1. (a). Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) | 3,314 |
| (b). Number of inspections made for the purpose | 5,818 |
| 2. (a). Number of dwelling-houses (included under 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 | — |
| (b). Number of inspections made for the purpose | — |
| 3. Number of houses in a state so dangerous or injurious to health as to be unfit for human habitation | approx. 1,425 |
| 4. Number of dwelling-houses (exclusive of 3 above) found not to be in all respects reasonably fit for human habitation | 700 |

REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES

| | |
|---|-----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers | 792 |
|---|-----|

ACTION UNDER STATUTORY POWERS

Proceedings under Public Health Acts :—

| | |
|---|-----|
| (1). Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | 160 |
| (2). Number of dwelling-houses in which defects were remedied after service of formal notices :— | |
| (a). By owners | 155 |
| (b). By Local Authority in default of owners | — |

Proceedings under Sections 16 and 17 of Housing Act, 1957 :—

| | |
|--|---|
| (1). Number of dwelling-houses in respect of which Demolition Orders were made | — |
| (2). Number of dwelling-houses demolished in pursuance of Demolition Orders | — |

THE RENT ACT, 1957.

Five applications for Certificates of Disrepair were received during the year and certificates were issued in 2 cases.

One application for the issue of a certificate as to the remedying of defects was received and the certificate was issued.

OFFENSIVE TRADES AND FISH FRIERS.

There are no premises in the Borough at which offensive trades are carried on.

There were 21 fish frying establishments on the register at the end of 1965. 31 visits of inspection were made during the year and in all cases the premises were found to be maintained in a clean and satisfactory condition. Minor matters discovered in inspections were all remedied informally.

REMOVAL OF HOUSE REFUSE.

This work is carried out under the direction of the Borough Engineer and supervised by the Cleansing Superintendent.

The removal of household refuse throughout the Borough is effected by means of mechanised vehicles. In Little Crosby Village, where the closet and refuse accommodation is mainly of the privy midden type, the middens are emptied by corporation workmen, and local farmers remove the refuse on to the land for manure.

Ashbins and pail closets are emptied weekly, and privy middens at intervals of approximately three months.

Shop refuse is removed twice weekly by means of a covered motor vehicle, and the charge for collection is 1/- per bin after one free bin.

The Corporation dispose of the refuse by controlled tipping, under a joint scheme operated by Crosby, Bootle and Litherland.

During the year an estimated total of 18,413 tons of refuse was collected and removed.

168 tons of salvage was collected during the year.

STREAMS AND WATERCOURSES.

The streams and ditches are cleansed and bottomed by their owners and receive frequent inspection.

With the spread of new houses into the rural area, the task of keeping ditches clear becomes more difficult each year, and constant supervision is necessary.

SMOKE ABATEMENT.

There are four factory chimneys in the Borough. 343 observations were taken during the year, but few serious emissions of smoke were noted. There can be little doubt that nearly all the atmospheric pollution in the Borough is now due to domestic chimneys and smoke blown in from other areas.

The table below shows the monthly readings from the standard deposit gauge on the Town Hall roof.

| Month | Rainfall (ins.) | Deposit (tons per sq. mile) |
|-------------|--------------------|-----------------------------------|
| 1965 | | |
| January | 2.64 | 89.58 |
| February | 0.49 | 29.82 |
| March | 1.89 | 26.25 |
| April | 2.65 | 21.33 |
| May | 4.02 | 10.91 |
| June | 2.56 | 70.26 |
| July | 2.44 | 29.32 |
| August | 3.82 | 32.69 |
| September | 4.95 | 21.56 |
| October | 1.63 | 52.01 |
| November | 3.93 | 90.20 |
| December | 5.15 | 50.52 |

Daily volumetric smoke and sulphur dioxide recorders are in operation at Alexandra Hall and Waterloo Library.

CINEMAS.

There are three cinemas in the Borough. All were inspected and found to be well conducted.

VERMIN-INFESTED PREMISES.

Where vermin are found, whatever treatment seems most appropriate is promptly applied. Bug-infested dwellings are liberally sprayed with a solution of 5% D.D.T. in paraffin. Bedding is removed before spraying commences, treated with high pressure steam, and returned, aired and ready for use, on the same day. Flies, fleas and moths are dealt with by a lighter spraying with the same insecticide, or by the dissemination of insecticidal smokes in the affected rooms. Cockroaches, ants and 'silverfish' are combated by the use of a mixture of 10% D.D.T. in an inert powder. This has proved effective, and has the advantage of being almost odourless. Benzene hexachloride and dieldrin are also used in suitable cases, and aqueous suspensions of D.D.T. have been employed where there was danger of fire.

Precautions are taken to guard against the risk of bug-infestation in Corporation houses, and if the least trace of infestation is found, the furniture is fumigated with hydrogen cyanide during removal. This work is carried out by contractors in the employ of the Council. At the same time, bedding, etc., is treated by high pressure steam in the Corporation's disinfectors.

All complaints received regarding infestation were investigated, and bugs were found in the following premises :—

Council Houses, 17.

Other Houses, 35.

57 detailed inspections were recorded under this heading during the year, and 119 premises were disinfested on account of infestation by fleas, moths, cockroaches, ants, 'silverfish' and wasps.

TENTS, VANS AND SHEDS.

There are no temporary dwellings in the Borough.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

All premises in the Borough where rodent infestations were found or reported have been treated by the rodent operatives who made 1907 visits during the year.

The methods recommended by the Ministry of Agriculture, Fisheries and Food are usually employed and have generally proved very successful. Where local conditions dictated the use of less orthodox treatments, these were devised and successfully applied.

| | Type of Property | | | Agricultural All other |
|--|--|--------------|--|------------------------------|
| | Non-Agricultural Dwelling houses | All other | | |
| No. of properties inspected | 3·7 | 66 | | 16 |
| No. of properties inspected which were found to be infested by : | | | | |
| Rats—major | — | 2 | | — |
| —minor | 127 | 20 | | 2 |
| Mice—major | — | — | | — |
| —minor | 128 | 40 | | — |
| No. of infested properties treated | 255 | 62 | | — |

SCHOOLS.

At the end of 1965 there were 31 Schools in the Borough. The names of all children who are excluded from school on account of infectious disease in their homes are notified to the Head Teachers of the schools concerned.

BACTERIOLOGICAL WORK

All specimens requiring bacteriological examination are submitted to Professor Robinson, Director, Public Health Laboratory, Liverpool.

WATER SUPPLY

The Liverpool Corporation supply the whole of the Borough with water excellent in quality and adequate in quantity, drawn chiefly from Lake Vyrnwy in North Wales and supplemented by water from the River Dee. All houses are served from the public mains.

The water is purified by slow sand filtration, and afterwards treated with chlorine. Samples are regularly examined by the Liverpool City Bacteriologist, with uniformly satisfactory results.

No difficulties due to plumbo-solvent action have been experienced.

SCAVENGING

This work is carried out by Corporation workmen under the supervision of a Cleansing Superintendent directed by the Borough Engineer.

The main roads are cleansed daily, other roads at less frequent intervals—at least once weekly. The district is therefore kept in a clean and tidy state, the whole of the approximately 86 miles of roads with their passages receiving regular attention. The work is carried out on the gang system and hand-controlled electric vehicles are used. Large gully emptiers are in use with a smaller machine for passage gullies.

SUMMARY OF WORK OF PUBLIC HEALTH INSPECTORS, 1965.

PUBLIC HEALTH AND HOUSING ACTS.

| | |
|---|------|
| Number of dwelling houses inspected under Public Health Act | 2442 |
| " " re-visited under Public Health Act | 2504 |
| " " inspected under Housing Acts | 872 |
| " " re-visited " " " | — |
| " " inspected re vermin " " " | 57 |
| " " inspected re overcrowding and re-housing | 273 |
| " complaints received and investigated | 2351 |

GENERAL SANITATION.

| | |
|---|------|
| Number of visits re drainage inspections and tests | 73 |
| " " Water Supply | 131 |
| " " Infectious Diseases and Disinfection | 225 |
| " " Rats and Mice Infestation | 2014 |
| " " Factories, workplaces and outworkers' rooms | 202 |
| " " Houses let in lodgings | 6 |
| " " Smoke Observations and Clean Air Act | 343 |
| " " Stables, piggeries, poultry houses, etc. | 13 |
| " " Pet Shops | 15 |
| " " Tents, Vans and Sheds | 2 |
| " " Petroleum Act | 114 |
| " " Explosives Acts | 101 |
| " " Public Conveniences | 38 |
| " " Common Yards and Passages | 53 |
| " " Refuse Collection and Disposal | 64 |
| " " Waste Food | 3 |
| " " Schools | 24 |
| " " Theatres and Cinemas | 1 |
| " " Animal Boarding Establishments | 28 |

MEAT AND FOOD INSPECTION.

| | |
|---|-----|
| Number of visits to Preserved Food Premises | 116 |
| " " Butchers' Shops | 146 |
| " " Dairies and Milk Shops | 321 |
| " " Fishmongers and Poulterers | 59 |
| " " Fried Fish Shops | 31 |
| " " Greengrocers and Fruiterers | 82 |
| " " Grocers | 299 |
| " " Bakers and Confectioners | 57 |
| " " Restaurants and Dining Rooms | 105 |
| " " Licensed Houses | 13 |
| " " Ice Cream Premises | 238 |
| " " Other Food Premises | 246 |
| " " Street Hawkers and Vendors | 3 |
| Number of samples taken—Food and Drugs | 182 |
| " " —Milk for Bacteriological Examination | 111 |
| " " —Ice Cream | 72 |

MISCELLANEOUS.

| | |
|--|-----|
| Number of visits under Offices, Shops and Railway Premises Act | 763 |
| Number of visits to Shops concerning Shops Act | 294 |
| Number of visits concerning Improvement Grants | 61 |
| Number of visits concerning Rent Acts | 35 |
| Interviews with Owners, Contractors, etc. | 156 |
| Sewer Treatment | 18 |
| Sundry visits and inspections | 284 |
| Scrap Metal Dealers | 2 |

DISINFECTION AND DISINFESTATION.

| | |
|---|-----|
| Rooms, etc., disinfected after Infectious Diseases :— | |
| Number of rooms | 66 |
| Number of articles of clothing, bedding, etc. | 526 |
| Number of Library Books | 153 |
| Number of Verminous Rooms Disinfested | 292 |

NOTICES SERVED AND COMPLIED WITH.

| | |
|--|-----|
| Preliminary notices served | 713 |
| Preliminary notices complied with..... | 792 |
| Statutory notices served | 147 |
| Statutory notices complied with..... | 155 |

NUISANCES ABATED AND DEFECTS REMEDIED.

(a) Dwelling Houses—

| | |
|--|-----|
| Dangerous or defective walls rebuilt | 3 |
| Roofs repaired or renewed | 182 |
| External walls re-pointed or repaired..... | 64 |
| Rainwater pipes and eavesgutters repaired or renewed | 130 |
| Dampness remedied | 226 |
| Wall plaster repaired..... | 60 |
| Ceilings repaired or renewed | 35 |
| Floors or stairways repaired or renewed | 48 |
| Doors repaired or renewed | 77 |
| Windows repaired or renewed | 185 |
| Cooking ranges and fireplaces repaired or renewed | 27 |
| Chimneys and stacks repaired | 38 |
| Water supply pipes repaired or supply improved | 115 |
| Sinks provided, renewed or repaired | 6 |
| Sink waste pipes renewed or repaired | 50 |
| Yards and passages paved or repaired | 24 |
| Lighting improved | 3 |
| Coalhouses provided or repaired | 1 |
| Miscellaneous | 41 |

(b) Drainage—

| | |
|--|-----|
| Drains cleared of obstruction | 323 |
| Drains repaired or reconstructed | 10 |
| Soil pipes, ventilating shafts, etc., repaired | 9 |

(c) Water Closets—

| | |
|---|----|
| New water closets provided | 5 |
| Compartments repaired or cleansed | 22 |
| Basins provided or repaired | 66 |
| Cisterns provided or repaired | 97 |

(d) Dustbins—

| | |
|-----------------------------|----|
| New dustbins provided | 58 |
|-----------------------------|----|

(e) Miscellaneous—

| | |
|---------------------------------------|----|
| Offensive accumulations removed | 21 |
| Dirty premises cleansed | 2 |

G. F. LEWIS,

Chief Public Health Inspector.

